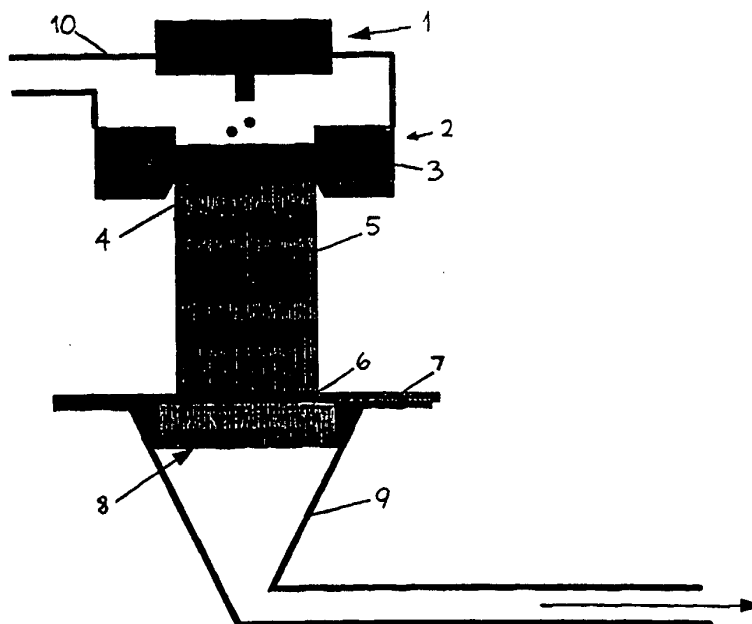




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B01J 37/02	A1	(11) International Publication Number: WO 99/47260 (43) International Publication Date: 23 September 1999 (23.09.99)
<p>(21) International Application Number: PCT/GB99/00652</p> <p>(22) International Filing Date: 5 March 1999 (05.03.99)</p> <p>(30) Priority Data: 9805815.9 19 March 1998 (19.03.98) GB</p> <p>(71) Applicant (for all designated States except US): JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): ADERHOLD, Dirk [DE/GB]; 17 Kingston Vale, Royston, Herts SG8 9UG (GB). HAYNES, Alan, George [GB/GB]; 1 Park Terrace, North End, Bassingbourn, Royston, Herts SG8 5NY (GB). SPENCER, Michael, Leonard, William [GB/GB]; 4 Jevé Close, Baldock, Herts SG7 6TP (GB). WINTERBOURN, Duncan, John, William [GB/GB]; 13 Faulkner Close, Milton, Cambridge CB4 6EF (GB).</p> <p>(74) Agent: WISHART, Ian, Carmichael; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).</p>	<p>(81) Designated States: AU, CA, JP, KR, MX, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report.</i></p>	

(54) Title: MONOLITH COATING APPARATUS AND METHOD THEREFOR



(57) Abstract

Apparatus for coating a support such as a monolithic catalyst support (5) comprises a dispenser (1) for dispensing a predetermined quantity of coating liquid, a containment (2) for the liquid and a source of vacuum (8, 9) which can be actuated to draw the entire quantity of coating liquid into the support (5). The apparatus and method are particularly useful for coating car catalysts without wastage and with increased design options.